Network (Push) Distribution Scenario (nominal)

User	System	Operator
	(successful operational path)	
	All of the messages listed below go to a log file which may be viewed by operations personnel.	Specific alerts requiring operator intervention are *shown in italics.*
	User actions leading to an acquire (push transfer) request in Step 1 can be analogous to step 1 in the Data Pull Scenario	
Aug. 28, 1997, 14:00 John Researcher at the University of Maryland requests a PUSH transfer of a single CERES 12aF product (produced Aug. 27,1997) John provides his site address, log-on ID and password	1) LaRC Data Server receives a PUSH Data Distribution Request from John Researcher for a single CERES 12aF product (334 MB in 24 files) LOG: receipt time - Aug. 28, 1997, 14:00; req. ID; requestor - John Researcher, UM; request type - acquire; request state - queued	Review the log and the queue record at operator's discretion
	2) Retrieve Data from Persistent Storage	
	Retrieve Associated Metadata	Review the log and the queue record at operator's discretion
	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID; requestor - John Researcher, UM; request type - acquire; request state - processing	

Network (Push) Distribution Scenario (nominal) (cont.)

User	System	Operator
	2) continued (Recalculate and compare file checksum)	
	Upon completion of staging do (3) if available	Operator can manually change M - medium
		priority of the request to L - low, or H - high
	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID;	
	requestor - John Researcher, UM;	
	site - johns_machine; log-on ID - johnnyr;	
	request state - pending; 3 files; 836 MB	
	QUEUE: Aug. 28, 1997, 11:30; req. ID;	
	John Researcher; 3 files; 836 MB;	
	priority -M; media type - PUSH;	
	state - pending	
	3) Apply Data Services, such as reformatting,	
	requestor conversion, subsetting (not A), etc.	
	4) Log-on to destination machine (johns_machine)	
	Transfer requested files	Review the log and the queue record at
		operator's discretion
	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID;	
	requestor - John Researcher, UM;	
	site - johns_machine; log-on ID - johnnyr;	
	request state - active; 3 files; 836 MB	
	QUEUE: Aug. 28, 1997, 11:30; req. ID;	
	John Researcher; 3 files; 836 MB;	
	priority -M; media type - PUSH;	
	state - active	
	Upon completion de-queue the request	

Network (Push) Distribution Scenario (nominal) (cont.)

User	System	Operator
	5) Send an e-mail message to John Researcher:	Review the log and the queue record at
John Researcher receives the	"request complete". Log-off.	operator's discretion
data he requested and an		
e-mail notification of completion	LOG: receipt time - Aug. 28, 1997, 14:00; req. ID;	
	requestor - John Researcher, UM;	
	site - johns_machine; log-on ID - johnnyr;	
	request state - shipped; 3 files; 836 MB	